

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------|---------|------------------|
| L1 | 5045 | access same ("time out" time-out timeout) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/17 14:05 |
| L2 | 342 | (access with (storage disk)) same ("time out" time-out timeout) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/17 14:06 |
| L3 | 94 | (access with (storage disk)) same ("time out" time-out timeout) same respon\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/17 14:21 |
| L4 | 10 | (access with (storage disk)) same ("time out" time-out timeout) same (retry re-try reattempt re-attempt) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/17 14:25 |
| L5 | 371 | (access with (storage disk)) same (retry re-try reattempt re-attempt) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/17 14:48 |
| L6 | 21 | (access with (storage disk)) same (retry re-try reattempt re-attempt) same limit | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/17 14:26 |
| S1 | 10486 | (709/202,220-224,226).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/11 10:13 |
| S2 | 5714 | (369/53.1-53.45).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/11 10:14 |

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| S3 | 1066 | (340/3.1,825).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/11 10:14 |
| S4 | 1600 | (710/1,15).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/11 10:14 |
| S5 | 6302 | (714/1-8,43-44,47).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/11 10:14 |
| S6 | 528 | (719/321).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/11 10:21 |
| S7 | 25107 | S1 S2 S3 S4 S5 S6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/11 10:27 |
| S8 | 19925 | S7 and (storage SAN "storage area network" RAID "redundant array of independent disks" tape cd-rom disk) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/11 10:31 |
| S9 | 3653 | S8 and ((service status condition state) near3 (parameter value indicator)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/11 10:37 |
| S10 | 522 | S9 and ((service status condition state) near3 (threshold minimum maximum)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/11 10:35 |

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| S11 | 46 | S10 and ((monitor assess) with ((service status condition state) near3 (parameter value indicator))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/11 10:38 |
| S12 | 341 | monitor with (SAN "storage area network") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/14 10:54 |
| S13 | 98 | monitor near3 (SAN "storage area network") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 16:41 |
| S14 | 2 | ("0541186").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/14 17:10 |
| S15 | 2 | ("20010043617").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/14 17:10 |
| S16 | 435 | (bottleneck "bottle neck" bottle-neck) with (failure fail) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 10:06 |
| S17 | 0 | S16 same (((add additional) near2 instance) instantiate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 10:08 |
| S18 | 31 | S16 and (((add additional) near2 instance) instantiate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 10:59 |

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| S19 | 139 | storage same (time with ("unable to access" "no access" "can't access" "cannot access")) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 11:05 |
| S20 | 6 | storage same (("time period" "period of time") with ("unable to access" "no access" "can't access" "cannot access")) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 11:11 |
| S21 | 19 | S19 and (san "storage area network") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 11:06 |
| S22 | 4 | storage same (("time period" "period of time") near5 ("unable to access" "no access" "can't access" "cannot access")) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 11:11 |
| S23 | 6 | storage same (("time period" "period of time") near8 ("unable to access" "no access" "can't access" "cannot access")) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 11:11 |
| S24 | 13 | storage same (("time period" "period of time") same ("unable to access" "no access" "can't access" "cannot access")) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 12:44 |
| S25 | 1 | ((read write) adj ratio) and ((input output) near1 size) and ((sequential random) adj access) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 12:47 |
| S26 | 1 | ((read write) adj ratio) and ((input output) near1 size) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 12:48 |

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| S27 | 79 | ((read write) near2 ratio) and ((input output) near2 size) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 12:52 |
| S28 | 6 | ((read write) near2 ratio) and ((input output) near2 size)) same (storage disk) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 14:10 |
| S29 | 1387 | "read/write ratio" (ratio with (read\$3 near2 write\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 14:15 |
| S30 | 483 | S29 same (storage disk) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 14:15 |
| S31 | 297 | S29 with (storage disk) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 14:14 |
| S32 | 22 | S29 with (storage disk) with access | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 14:14 |
| S33 | 324 | "read/write ratio" (ratio near2 (read\$3 near2 write\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 14:15 |
| S34 | 109 | S33 same (storage disk) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 14:16 |

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| S35 | 21 | S33 same (storage disk) with access | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 14:40 |
| S36 | 25 | (percentage percent ratio fraction) with sequential with random with access | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 15:01 |
| S37 | 2 | ("5956750").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/15 14:47 |
| S38 | 199 | ((size length) near2 file) with (input output i/o) with (disk storage) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 15:09 |
| S39 | 131 | ((size length) near1 file) with (input output i/o) with (disk storage) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 15:17 |
| S40 | 11 | ((size length) near1 file) with (input output i/o) with (disk storage) with determine | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 15:10 |
| S41 | 42 | S39 and (san "storage area network" RAID "redundant array of independent disks" "redundant array of inexpensive disks") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 15:18 |

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| S42 | 189 | ((("6253193") or ("6363488") or ("6389402") or ("6427140") or ("6021262") or ("5937205") or ("6279050") or ("6317805") or ("6397273") or ("6418488") or ("5778072") or ("5764645") or ("6697924") or ("6854035") or ("6845387") or ("5930337") or ("5548727") or ("5938729") or ("6061692") or ("6061692") or ("6148337") or ("5878418") or ("6449256") or ("5790775") or ("5850558") or ("5894578") or ("5905898") or ("5908455") or ("6085975") or ("5231570") or ("5241588") or ("5257374") or ("5280603") or ("5305206") or ("5325524") or ("5602805") or ("5680538") or ("5758326") or ("5822512") or ("5884073") or ("5917723") or ("5948041") or ("5964853") or ("5974368") or ("5978568") or ("6038676") or ("6189001") or ("6249849") or ("6279074") or ("6321308") or ("6381324") or ("6385706") or ("6397308") or ("6419636") or ("6209037") or ("6208650") or ("5414812") or ("5841869") or ("5983190") or ("6262976") or ("6339593") or ("6405132") or ("6456615") or ("6609213") or ("5644696") or ("5787153") or ("6219700") or ("6219700") or ("5249290") or ("6145066") or ("6711612") or ("6857059") or ("5623601") or ("5774660") or ("5799002") or ("5819030") or ("5951650") or ("6321263") or ("6789110") or ("6735646") or ("6839815") or ("5812754") or ("5600768") or ("5680539") or ("5875478") or ("5926836") or ("5978856") or ("6012123") or ("6029231") or ("6032224") or ("6061752") or ("6061752") or ("6128686") or ("5239647") or ("5287459") or ("5317728") or ("5402492") or ("5832191") or ("6449652") or ("6484173").pn.))). PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/15 16:33 |
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| S43 | 96 | ((("6253193") or ("6363488") or ("6389402") or ("6427140") or ("6021262") or ("5937205") or ("6279050") or ("6317805") or ("6397273") or ("6418488") or ("5778072") or ("5764645") or ("6697924") or ("6854035") or ("6845387") or ("5930337") or ("5548727") or ("5938729") or ("6061692") or ("6061692") or ("6148337") or ("5878418") or ("6449256") or ("5790775") or ("5850558") or ("5894578") or ("5905898") or ("5908455") or ("6085975") or ("5231570") or ("5241588") or ("5257374") or ("5280603") or ("5305206") or ("5325524") or ("5602805") or ("5680538") or ("5758326") or ("5822512") or ("5884073") or ("5917723") or ("5948041") or ("5964853") or ("5974368") or ("5978568") or ("6038676") or ("6189001") or ("6249849") or ("6279074") or ("6321308") or ("6381324") or ("6385706") or ("6397308") or ("6419636") or ("6209037") or ("6208650") or ("5414812") or ("5841869") or ("5983190") or ("6262976") or ("6339593") or ("6405132") or ("6456615") or ("6609213") or ("5644696") or ("5787153") or ("6219700") or ("6219700") or ("5249290") or ("6145066") or ("6711612") or ("6857059") or ("5623601") or ("5774660") or ("5799002") or ("5819030") or ("5951650") or ("6321263") or ("6789110") or ("6735646") or ("6839815") or ("5812754") or ("5600768") or ("5680539") or ("5875478") or ("5926836") or ("5978856") or ("6012123") or ("6029231") or ("6032224") or ("6061752") or ("6061752") or ("6128686") or ("5239647") or ("5287459") or ("5317728") or ("5402492") or ("5832191") or ("6449652") or ("6484173").pn.")). PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/15 16:33 |
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| S44 | 98 | monitor near3 (SAN "storage area network") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 16:41 |
| S45 | 39 | S44 and priority | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 16:48 |
| S46 | 7 | ((increas\$3 rais\$3) near2 priority) with request) same ((threshold attribute level) near2 (performance service)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/16 09:26 |
| S47 | 0 | "unable to access" with (storage disk) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/16 09:28 |
| S48 | 0 | "unable to access" same (storage disk) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/16 09:28 |
| S49 | 0 | (unable adj to adj access) same (storage disk) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/16 09:29 |
| S50 | 0 | (unable adj to adj access) near3 (storage disk) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/16 09:29 |
| S51 | 183 | (cannot adj access) near3 (storage disk) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/16 09:29 |

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| S52 | 10 | S51 with time | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/16 09:32 |
| S53 | 12674 | monitor near3 (storage disk) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/16 09:32 |
| S54 | 2 | S53 and (("time period" "amount of time" "number of times" "amount of times") with ("no access" "cannot access" "unable to access" "not able to access" "can't access")) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/16 10:25 |

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